

# INTERNATIONAL SEARCH REPORT

Int'l Application No  
PC1/GB2004/001676

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G01S5/14

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G01S

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

| Category * | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
|------------|--|-----------------------|
| X          | US 2002/199196 A1 (M. RABINOWITZ, J.J. SPIKER) 26 December 2002 (2002-12-26)<br>paragraph '0038! - paragraph '0042!<br>paragraph '0048! - paragraph '0053!           | 1-62                  |
| A          | PARKINSON, BW, SPIKER, JJ: "Global Positioning System: Theory and Applications Volume 1"<br>1996, AIAA, WASHINGTON, USA, XP002291515<br>page 517 - page 546          | 1-62                  |
| A          | US 5 323 322 A (MUELLER K TYSEN ET AL) 21 June 1994 (1994-06-21)<br>column 13, line 28 - column 15, line 2<br>Tropospheric Delay Correction<br>Meteorological Sensor | 1-62                  |

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

6 August 2004

Date of mailing of the international search report

23/08/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|------------|---|-----------------------|
| A          | <p>US 2001/026239 A1 (FENTON PATRICK C)<br/> 4 October 2001 (2001-10-04)<br/> paragraph '0017!<br/> claims 1,7,8</p> <p>-----</p> | 59                    |

# INTERNATIONAL SEARCH REPORT

Int'l Application No  
PC17GB2004/001676

| Patent document<br>cited in search report | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
|---|---------------------|----------------------------|---------------------|
| US 2002199196                             | A1                  | 26-12-2002                 | WO 03075630 A2      |
|   |                     |                            | 18-09-2003          |
|   |                     |                            | US 2003156063 A1    |
|   |                     |                            | 21-08-2003          |
|   |                     |                            | US 2003201932 A1    |
|   |                     |                            | 30-10-2003          |
|   |                     |                            | US 2004140932 A1    |
|   |                     |                            | 22-07-2004          |
|   |                     |                            | EP 1366375 A2       |
|   |                     |                            | 03-12-2003          |
|   |                     |                            | JP 2004109139 A     |
|   |                     |                            | 08-04-2004          |
|   |                     |                            | WO 02063865 A2      |
|   |                     |                            | 15-08-2002          |
|   |                     |                            | WO 02063866 A2      |
|   |                     |                            | 15-08-2002          |
|   |                     |                            | US 2002145565 A1    |
|   |                     |                            | 10-10-2002          |
|   |                     |                            | US 2002184653 A1    |
|   |                     |                            | 05-12-2002          |
|   |                     |                            | US 6522297 B1       |
|   |                     |                            | 18-02-2003          |
|   |                     |                            | US 2003058167 A1    |
|   |                     |                            | 27-03-2003          |
|   |                     |                            | US 2003052822 A1    |
|   |                     |                            | 20-03-2003          |
|   |                     |                            | US 2003085841 A1    |
|   |                     |                            | 08-05-2003          |
|   |                     |                            | US 2003174090 A1    |
|   |                     |                            | 18-09-2003          |
|   |                     |                            | US 2003231133 A1    |
|   |                     |                            | 18-12-2003          |
|   |                     |                            | US 2002144294 A1    |
|   |                     |                            | 03-10-2002          |
|   |                     |                            | US 2003145328 A1    |
|   |                     |                            | 31-07-2003          |
| -----                                     |                     |                            |                     |
| US 5323322                                | A                   | 21-06-1994                 | NONE                |
| -----                                     |                     |                            |                     |
| US 2001026239                             | A1                  | 04-10-2001                 | NONE                |
| -----                                     |                     |                            |                     |